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**JOHN COPE-FLANAGAN**

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February 27, 2002

Mary L. Cottrell, Secretary  
Department of Telecommunications & Energy  
One South Station, 2<sup>nd</sup> Floor  
Boston, Massachusetts 02110

Re: Cambridge Electric Light Company/ Commonwealth Electric Company  
D.T.E. 00-83

Dear Madam Secretary:

Cambridge Electric Light Company and Commonwealth Electric Company (the "Companies") are pleased to supply their responses to the information requests listed on the attached sheet.

Sincerely,

A handwritten signature in black ink that reads "John Cope-Flanagan". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

John Cope-Flanagan

Enclosures

cc: Caroline M. O'Brien, Hearing Officer  
Jeffrey Hall, Rates and Revenue Requirements Division (7 copies)  
Joseph Rogers, Assistant Attorney General  
Robert N. Werlin, Esq.  
Service List D.T.E. 00-83

Responses to Information Requests

AG-4-9  
AG-4-10

February 27, 2002

**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY**

\_\_\_\_\_)  
Cambridge Electric Light Company )  
Commonwealth Electric Company )  
\_\_\_\_\_)

D.T.E. 00-83

**CERTIFICATE OF SERVICE**

I hereby certify that I have this day served the foregoing responses to information requests in accordance with department rules.

\_\_\_\_\_  
John Cope-Flanagan  
Attorney for  
NSTAR Electric & Gas Corporation  
800 Boylston St., Floor 17  
Boston, MA 02199

DATED: February 27, 2002

Information Request AG-4-10

Refer to Exhibit COM-RAP-1 and 2. Please provide the details of all Company purchases of ancillary services, including ICAP on a monthly basis for each service purchased. These details should include the cost, the unit price, the quantity purchased and term of any associated contract. Indicate separately which purchases were through the ISO-NE spot market. Specify where each of these costs are recovered by reference to exhibit, and line number or line description.

Response

During the January through April 1999 period no monthly ICAP purchases for Commonwealth Electric Company ("Commonwealth").

Cambridge Electric Light Company ("Cambridge") and Commonwealth entered into a "firm contract" with a supplier for the May through December 1999 period. The agreement with the supplier covered all products, *i.e.*, energy, ICAP, AGC, etc. Accordingly, there were no separate purchases of ICAP or other ancillary services during that period. Under the terms of this agreement the supplier served 100 percent of the wholesale load requirements, 100 percent of the Cambridge and Commonwealth default service load, and 62.4 percent of the Cambridge and Commonwealth standard offer load. The Cambridge and Commonwealth retained resources were used to meet the supplier's load obligation. To determine the Commonwealth expense associated with this agreement an own-load analysis was performed. The Cambridge revenue associated with purchases from Commonwealth's excess retained resources is contained within COM-RAP-1 (Supp 2), page 5, line 9. The net Commonwealth purchase, for all products, from the supplier is shown on COM-RAP-1 (Supp 2), page 5, line 8.

The NSTAR electric companies (Boston Edison Company ("Boston Edison"), Cambridge and Commonwealth) entered into a supply arrangement for the January through June 2000 period with a supplier. The agreement with the supplier covered all products, *i.e.*, energy, ICAP, AGC, etc. Accordingly, there were no separate purchases of ICAP or other ancillary services during that period. Under the terms of this agreement the supplier served 100 percent of the wholesale load requirements; 100 percent of the Boston Edison, Cambridge and Commonwealth default service load; 100 percent of the Boston Edison standard offer load; and 62.4 percent of the Commonwealth and Cambridge standard offer load. Boston Edison, Cambridge and Commonwealth retained resources were used to meet the supplier's load obligation. To determine the Commonwealth

expense associated with this agreement an own-load analysis was performed. The net Commonwealth purchase, for all products, from the supplier is shown on COM-RAP-2 (Supp 2), page 5, line 1.

During the July through December 2000 period the NSTAR companies made the following ICAP purchases. The Commonwealth allocated expense reflects the monthly ICAP expense plus reconciling adjustments for prior periods, if applicable.

Period	NSTAR MW purchase	Unit Price in \$/mw-month	NSTAR Expense	Term	Commonwealth allocated expense	Exhibit Reference
Jul	250 mw 250 mw 200 mw 500 mw 300 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$3,000	\$375,000 \$437,500 \$430,000 \$1,000,000 \$900,000	Monthly purchases	     (\$215,271)	COM-RAP- 2 (Supp 2), page 5, within totals on lines 1, 2 and 4
Aug	250 mw 250 mw 200 mw 500 mw 300 mw -123.9 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$3,000 \$170	\$375,000 \$437,500 \$430,000 \$1,000,000 \$900,000 -\$21,063	Monthly purchases	     (\$87,362)	COM-RAP- 2 (Supp 2), page 5, within totals on lines 1, 2 and 4
Sep	250 mw 250 mw 200 mw 500 mw 300 mw 647.82 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$102 \$170	\$375,000 \$437,500 \$430,000 \$1,000,000 \$30,600 \$110,130	Monthly purchases	     \$169,079	COM-RAP- 2 (Supp 2), page 5, within totals on lines 1, 2 and 4
Oct	250 mw 250 mw 200 mw 500 mw 400 mw 325.87 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$102 \$170	\$375,000 \$437,500 \$430,000 \$1,000,000 \$40,800 \$55,399	Monthly purchases	     (\$205,859)	COM-RAP- 2 (Supp 2), page 5, within totals on lines 1, 2 and 4
Nov	250 mw 250 mw 200 mw 500 mw 300 mw 514.79 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$102 \$170	\$375,000 \$437,500 \$430,000 \$1,000,000 \$30,600 \$87,515	Monthly purchases	     (\$1,268,285)	COM-RAP- 2 (Supp 2), page 5, within totals on lines 1, 2 and 4

Cambridge Electric Light Company

Commonwealth Electric Company

D.T.E. 00-83

Information Request: **AG-4-10**

February 27, 2002

Person Responsible: Rose Ann Pelletier

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Period	NSTAR MW purchase	Unit Price in \$/mw-month	NSTAR Expense	Term	Commonwealth allocated expense	Exhibit Reference
Dec	250 mw	\$1,500	\$375,000	Monthly purchases		COM-RAP- 2 (Supp 2), page 5, within totals on lines 1, 2 and 4
	250 mw	\$1,750	\$437,500			
	200 mw	\$2,150	\$430,000			
	500 mw	\$2,000	\$1,000,000			
	300 mw	\$102	\$30,600			
	566.62 mw	\$170	\$96,325		\$1,766,648	

Information Request AG-4-9

Refer to Exhibit CAM-RAP-1 and 2. Please provide the details of all Company purchases of ancillary services, including ICAP on a monthly basis for each service purchased. These details should include the cost, the unit price, the quantity purchased and term of any associated contract. Indicate separately which purchases were through the ISO-NE spot market. Specify where each of these costs are recovered by reference to exhibit, and line number or line description.

Response

During the January through April 1999 period monthly ICAP purchases were made as identified below:

Period	MW	Unit Price	Cost	Term	Exhibit reference
January	80 mw	\$1,500/mw-month	\$120,000	Monthly purchase	CAM-RAP-1, page 5, line 4
February	70 mw	\$900/mw-month	\$63,000	Monthly purchases	CAM-RAP-1, page 5, line 4
	10 mw	\$1,250/mw-month	\$12,500		
March	60 mw	\$300/mw-month	\$18,000	Monthly purchases	CAM-RAP-1, page 5, line 4
	10 mw	\$50/mw-month	\$5,000		
April	50 mw	\$550/mw-month	\$27,500	Monthly purchases	CAM-RAP-1, page 5, line 3
	10 mw	\$4,000/mw-month	\$40,000		

Cambridge Electric Light Company ("Cambridge") and Commonwealth Electric Company ("Commonwealth") entered into a "firm contract" with a supplier for the May through December 1999 period. The agreement with the supplier covered all products, i.e., energy, ICAP, AGC, etc. Accordingly, there were no separate purchases of ICAP or other ancillary services during that period. Under the terms of this agreement the supplier served 100 percent of the wholesale load requirements, 100 percent of the Cambridge and Commonwealth default service load, and 62.4 percent of the Cambridge and Commonwealth standard offer load. The Cambridge and Commonwealth retained resources were used to meet the supplier's load obligation. To determine the Cambridge expense associated with this agreement an own-load analysis was performed. The Cambridge expense associated with purchases from Commonwealth's excess retained resources is reflected in CAM-RAP-1, page 5, line 5. The net Cambridge purchase, for all products, from the supplier is shown on CAM-RAP-1, page 5, line 6.

The NSTAR electric companies (Boston Edison Company ("Boston Edison"), Cambridge and Commonwealth) entered into a supply arrangement for the

January through June 2000 period with a supplier. The agreement with the supplier covered all products, i.e., energy, ICAP, AGC, etc. Accordingly, there were no separate purchases of ICAP or other ancillary services during that period. Under the terms of this agreement the supplier served 100 percent of the wholesale load requirements; 100 percent of the Boston Edison, Cambridge and Commonwealth default service load; 100 percent of the Boston Edison standard offer load; and 62.4 percent of the Cambridge and Commonwealth standard offer load. The Boston Edison, Cambridge and Commonwealth retained resources were used to meet the supplier's load obligation. To determine the Cambridge expense associated with this agreement an own-load analysis was performed. The net Cambridge purchase, for all products, from the supplier is shown on CAM-RAP-2, page 5, line 3.

During the July through December 2000 period the NSTAR companies made the following ICAP purchases. The Cambridge allocated expense reflects the monthly ICAP expense plus reconciling adjustments for prior periods, if applicable.

Cambridge Electric Light Company

Commonwealth Electric Company

D.T.E. 00-83

Information Request: **AG-4-9**

February 27, 2002

Person Responsible: Rose Ann Pelletier

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Period	NSTAR MW purchase	Unit Price in \$/mw- month	NSTAR Expense	Term	Cambridge allocated expense	Exhibit reference
Jul	250 mw 250 mw 200 mw 500 mw 300 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$3,000	\$375,000 \$437,500 \$430,000 \$1,000,000 \$900,000	Monthly purchases	\$272,859	CAM-RAP-2 (Supp 2), page 5, within totals on lines 1, 2 and 3
Aug	250 mw 250 mw 200 mw 500 mw 300 mw -123.9 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$3,000 \$170	\$375,000 \$437,500 \$430,000 \$1,000,000 \$900,000 -\$21,063	Monthly purchases	\$294,379	CAM-RAP-2 (Supp 2), page 5, within totals on lines 1, 2 and 3
Sep	250 mw 250 mw 200 mw 500 mw 300 mw 647.82 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$102 \$170	\$375,000 \$437,500 \$430,000 \$1,000,000 \$30,600 \$110,130	Monthly purchases	\$222,621	CAM-RAP-2 (Supp 2), page 5, within totals on lines 1, 2 and 3
Oct	250 mw 250 mw 200 mw 500 mw 400 mw 325.87 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$102 \$170	\$375,000 \$437,500 \$430,000 \$1,000,000 \$40,800 \$55,399	Monthly purchases	\$271,302	CAM-RAP-2 (Supp 2), page 5, within totals on lines 1, 2 and 3
Nov	250 mw 250 mw 200 mw 500 mw 300 mw 514.79 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$102 \$170	\$375,000 \$437,500 \$430,000 \$1,000,000 \$30,600 \$87,515	Monthly purchases	\$451,625	CAM-RAP-2 (Supp 2), page 5, within totals on lines 1, 2 and 3
Dec	250 mw 250 mw 200 mw 500 mw 300 mw 566.62 mw	\$1,500 \$1,750 \$2,150 \$2,000 \$102 \$170	\$375,000 \$437,500 \$430,000 \$1,000,000 \$30,600 \$96,325	Monthly purchases	\$2,066,737	CAM-RAP-2 (Supp 2), page 5, within totals on lines 1, 2 and 3